

## VALUE OF "BOB WHITE"

This Bird Is Perhaps the Most Useful of Any on the Farm

The ornithologists of the department of agriculture have been making an investigation of the economic value of Bob White, as a result of which it is now announced that that bird is probably the most useful abundant species on the farms. Field observations, experiments and examinations show that it consumes large quantities of weed seed and destroys many of the worst insect pests with which farmers contend and it does not injure grain, fruit or any other crop. It is figured that from September 1 to April 30, annually in Virginia alone, the total consumption of weed seed by Bob Whites amounts to 573 tons. Some of the pests which it habitually destroys, the report says, are the Mexican cotton boll weevil, which damages the cotton crop upwards of \$15,000,000 a year, the potato beetle which cuts off \$10,000,000 from the value of the potato crop, the cotton worms, which have been known to cause \$30,000,000 loss in a year, the chinch bug and the Rocky mountain locust scourges which left desolation in their paths and which have caused losses to the extent of \$100,000,000 in some years. The report urges measures to secure the preservation of the Bob Whites in this country.

Don't you know that Defiance Starch besides being absolutely superior to any other, is put up 16 ounces in package and sells at same price as 12-ounce packages of other kinds?

### The Vigorous Tennyson Family

Ten of the twelve Tennyson children, of whom Alfred was the fourth, reached a patriarchal age, which testifies to the "extraordinary" physical vigor of the race. "The Tennysons never die," said one of them at a moment when death seemed the one thing to be desired. Thus, at 82, the laureate is found defying his friends to rise twenty times in quick succession from a law chair, without touching it with their hands, as he could do, and reproaching William Watson for his complimentary poem in the following language: "If, by 'wintry hair' you allude to a tree whose leaves are half gone, you are right, but if you mean white you are wrong for I never had a gray hair on my head."

### Sensible Housekeepers

will have Defiance Starch, not alone because they get one-third more for the same money, but also because of superior quality.

### Placed Washington First.

George Washington was the only president to receive the unanimous vote of the electoral college. At the second election of James Monroe, in 1820, there was no political opposition, but one elector from New Hampshire voted for John Quincy Adams, explaining that he did so in order that no man might share with Washington the honor of unanimous election.

### Old and True

"For fifteen years I have constantly kept a supply of Hunt's Cure on hand to use in all cases of itching skin trouble. For Eczema, Ringworm and the like it is peerless.

"I regard it as an old friend and a true one."

MRS. EULA PRESLED,  
Greenfield, Tenn.

50c per box.

Hundreds of dealers say the extra quantity and superior quality of Defiance Starch is fast taking place of all other brands. Others say they cannot sell any other starch.

### Few Died Natural Deaths.

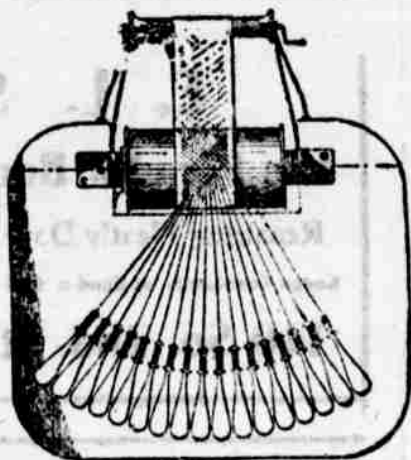
Of the thirty-eight sultans who have ruled the Ottoman empire since the conquest of Constantinople by the Turks, thirty-four have died violent deaths.

## SCIENCE and INVENTION

### Lacemaking Machine.

It would be a revelation to the shoppers who visit the city stores in search of finery to trim their gowns to know the story of how the lace which they so much prize is made—how whole families and even towns in continental Europe are engaged in this work, especially in the long winter months, when they are shut in by the ice and snow. Some of these toilers have to-day the aid of electricity and fine machinery in their work, but for years and years others have been toiling on old-fashioned hand looms, and even with no loom at all, turning out the dainty fabrics with only their needles.

The great value of this product and the enormous amount of labor spent in its manufacture have led the inventor to study out every possible means of simplifying the manual part of the work. A simple little machine, with the aid of which even the young may be taught to manufacture some neat pattern of lace and on which a skilful woman can soon learn to turn out complicated patterns, is that shown in the illustration. The mode of use is to attach the ends of the threads from all the bobbins to a flat strip of ribbon just beyond the pin-covered roller and then interweave the threads on the bobbin to form the



Simple Mechanism for Home Use.

desired pattern, winding up the finished product on the reel as the work progresses.

Sylvester G. Lewis, of Chicago, Ill., is the designer of this machine.

### Electrical Changes Fixed.

A naval physician, Dr. Jolly, has applied the Schlep rule in Madagascar, and by comparing the instruments he has been able to fix the changes of the electrical condition—changes which vary during the day and night. During the dry season there was an excess of positive electricity. Dr. Jolly observing that both in his own case and that of other subjects the best condition of health corresponded to the positive discharges, while during the periods of negative dominance there was weakness and lassitude. These changes also have their echo in the state of general health, notably in fevers.

### Tells Amount of Precipitation.

A tipping bucket attachment has been added to the rain gauge of the weather bureau on top of the custom-house at St. Louis. It accurately tells of the amount of precipitation. The rain is drained into a double bucket, so poised that it tips on receiving a certain amount of water. Every movement of this kind is registered by an electrical connection.

### As Yet Unknown to Science.

It can be said with reasonable certainty that electricity and magnetism are states of disturbances in the universal ether, although the exact kind of disturbance cannot yet be defined, partly because the mechanism of the ether itself must be sufficiently known in order to differentiate its disturbed conditions from its normal conditions.



To be a successful wife, to retain the love and admiration of her husband should be a woman's constant study. Mrs. Brown and Mrs. Potts tell their stories for the benefit of all wives and mothers.

"DEAR MRS. PINKHAM:—Lydia E. Pinkham's Vegetable Compound will make every mother well, strong, healthy and happy. I dragged through nine years of miserable existence, worn out with pain and weariness. I then noticed a statement of a woman troubled as I was, and the wonderful results she had had from your Vegetable Compound, and decided to try what it would do for me, and used it for three months. At the end of that time I was a different woman, the neighbors remarked it, and my husband fell in love with me all over again. It seemed like a new existence. I had been suffering with inflammation and falling of the womb, but your medicine cured that and built up my entire system, till I was indeed like a new woman.—Sincerely yours, Mrs. CHAS. E. BROWN, 21 Cedar Terrace, Hot Springs, Ark., Vice President Mothers' Club."

Suffering women should not fail to profit by Mrs. Brown's experiences: just as surely as she was cured of the troubles enumerated in her letter, just so surely will Lydia E. Pinkham's Vegetable Compound cure other women who suffer from womb troubles, inflammation of the ovaries, kidney troubles, nervous excitability, and nervous prostration. Read the story of Mrs. Potts to all mothers:—



"DEAR MRS. PINKHAM:—During the early part of my married life I was very delicate in health. I had two miscarriages, and both my husband and I felt very badly as we were anxious to have children. A neighbor who had been using Lydia E. Pinkham's Vegetable Compound advised me to try it, and I decided to do so. I soon felt that my appetite was increasing, the headaches gradually decreased and finally disappeared, and my general health improved. I felt as if new blood coursed through my veins, the sluggish tired feeling disappeared, and I became strong and well."

"Within a year after I became the mother of a strong healthy child, the joy of our home. You certainly have a splendid remedy, and I wish every mother knew of it.—Sincerely yours, Mrs. ANNA POTTS, 519 Park Ave., Hot Springs, Ark."

If you feel that there is anything at all unusual or puzzling about your case, or if you wish confidential advice of the most experienced, write to Mrs. Pinkham, Lynn, Mass., and you will be advised free of charge. Lydia E. Pinkham's Vegetable Compound has cured and is curing thousands of cases of female troubles—curing them inexpensively and absolutely. Remember this when you go to your druggist. Insist upon getting

**Lydia E. Pinkham's Vegetable Compound.**

Subtly interwoven and beyond our power to explain are our dependencies on the material universe, and aspirations for that purer and higher world which lies out of sight.

**FITS** permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Kidney and Bladder Cure. Send for 10c trial bottle and treatise. DR. R. H. KLINE, 153 N. Arch Street, Philadelphia, Pa.

"It's a mistake to think that I am a sue men," said Temptation. "The fact is that men look me up."—H. R. R. Hertzberg in Chicago American.

Depression and melancholy, says Matthew Arnold, are of the nature of death.

**Wiggle-Stick LAUNDRY BLUE.** Won't spill, break, freeze nor spot clothes. Costs 10 cents and equals 20 cents worth of any other bluing. If your grocer does not keep it send 10c for sample to The Laundry Blue Co., 11 Michigan Street, Chicago.

A woman is seldom as strict with her children as she is with her husband.